INDEX: VOLUME TWENTY-TWO

JANUARY-DECEMBER 1980

INDUSTRIAL MANAGEMENT

The magazine for better management in industry

INDEX BY AUTHOR

B

Bavier, Ralph H.
The Key to Productivity—Effective Work Measurement ..... **March-April, 1980**

Brief
From Business in BRIEF: Behind the Productivity Slowdown ..... **November-December, 1980**

Burns, John E.
Book Review: The Evolving Science of Management by Zimet, Melvin and Ronald G. Greenwood, Editors, Amacom 1979 ..... **July-August, 1980**
Book Review: Supervision Can be Easy by David K. Lindo, Amacom 1979 ..... **July-August, 1980**
Book Review: Worker Directors Speak (1979) by the British Steel Corporation Employee Directors with John Bank and Ken Jones, Teakfield, 1979 ..... **July-August, 1980**
Equal Pay Suit Costs Hospital $336,000 Plus $138,700 Interest (Editorial) ..... **January-February, 1980**
Ford Can't Meet Foreign Competition (Editorial) ..... **March-April, 1980**
Handicapped Workers' Back Pay Settlement (Editorial) ..... **May-June, 1980**
Labor and Industrial Relations ..... **July-August, 1980**
Motorola, Sandia Laboratories, Baltimore and Ohio Railroad and Chesapeake and Ohio Railway Lose Important Cases (Editorial) ..... **November-December, 1980**
At 44th Annual IMS Clinic Keep Up with New Knowledge, Concepts and Techniques (Editorial) ..... **September-October, 1980**
44th Annual IMS Clinic (Editorial) ..... **May-June, 1980**

C

Courter, Sandy
Preparing for Industrial Management: PDD Is One Solution For Engineers ..... **March-April, 1980**

D

Dauw, Dean C.
Creativity, Personal and Organizational Growth ..... **July-August, 1980**

E

Enrick, Norbert L.
Value Analysis for Priorities Setting and Resource Allocation ..... **September-October, 1980**

Enrick, Norbert L. and Buddy L. Myers
Algorithmic Systems Optimization With Reliability Applications ..... **May-June, 1980**

F

French, Robert L.
How Much Does It Cost? Does Anybody Know? ..... **July-August, 1980**

G

Gerardi, Michael T.
Non-Verbal Communication: An Effective Tool In Management ..... **November-December, 1980**

H

Hackamack, Lawrence C.
A Different View ..... **July-August, 1980**

Hale, Judith
Communications Skills In Performance Appraisal ..... **March-April, 1980**

Hauck, Warren C.
Book Review: Decision Systems for Inventory Management and Production Planning by Rein Peterson and Edward A. Silver, John Wiley & Sons, 1979 ..... **July-August, 1980**
Book Review: Investment for Production: Managing the Plant Investment Process by Paul Lowe, John Wiley & Sons, 1979 ..... **September-October, 1980**
Customer Service: A New Frontier for Industrial Engineers? ..... **July-August, 1980**

Hunsaker, Phillip L.
Managing The Learning Process ..... **March-April, 1980**

K

Kovach, Jerry E.
The Team Productivity System ..... **July-August, 1980**

Kudla, R. J. and T. H. McInish
A New Tool for R&D Project Evaluation ..... **November-December, 1980**

Kurtz, Godfrey H.
A Fabulous Mother Lode of Industrial Cost Reduction ..... **May-June, 1980**

L

Lachman, Conway L.
A Forecasting Model For the Firm In The Private Aircraft Industry ..... **January-February, 1980**
Forecasting And Planning: Reconciling Two Reluctant Partners ..... **March-April, 1980**

Levary, Reuven R.
On The Equitable Allocation Of Limited Products ..... **November-December, 1980**

Levary, Reuven R. and Burton V. Dean
On Improving Employee Job Satisfaction: A Case Study ..... **May-June, 1980**

M

McGrath, Diane
Flextime Scheduling: A Survey ..... **November-December, 1980**

Published by Industrial Management Society • Chicago

Morgan, Glen
Actively Listening To Your Employees ..... July-August, 1980
Muench, C. Wendel
Freedom's Energy Plan ..... January-February, 1980

N

Nissley, Harold R.
How Accurate Are Statistical Fastener Forecasts? ..... January-February, 1980
Nutter, James W.
Time Study Or Gestalt? ..... September-October, 1980

O

Otis, Irvin
Effective Communication In Industry ..... September-October, 1980

P

PERSPECTIVE:
From PERSPECTIVE: Background On Energy "Science For A Productive Society" ..... March-April, 1980
From PERSPECTIVE: Understanding Productivity—Toward A Higher Standard Of Living ..... November-December, 1980
Persson, Leonard N.
A Planning Model For The Employment Interview ..... January-February, 1980

R

Ray, Thomas G.
Benefits In The Cost Determination Phase Of Modeling ..... May-June, 1980
Reuter, Vincent G.
A Productivity Implementation Plan ..... September-October, 1980
Rifai, Ahmed
A Note On The Sensitivity Analysis Of Linear Programming—The Primal-Dual Mixed Constraints Case ..... November-December 1980
Sensitivity Analysis Of Linear Programming vs. Goal Programming ..... January-February, 1980
Rosemon, Tilmon H.
A Study On Job Enrichment ..... May-June, 1980

S

Scharf, Alan
A Better Way To Solve Problems ..... March-April, 1980
Sethi, Narenda K.
Project Management ..... January-February, 1980
Soncini, Ronald A.
Raising Clerical Productivity With MOST® Clerical Computer Systems ..... September-October, 1980
Stiegler, C. B.
The Plant Supervisor—The Chief Strength/Support Of A Well-Regulated Business ..... May-June, 1980
Sukel, William M.
Information Search Process .... September-October, 1980

T

Testerman, Michael B.
Job Enrichment: Concepts And Consequences ..... May-June, 1980

V

Van Dam, Andre
Economic Aspects Of Energy Conservation ..... July-August, 1980
The Invisible Economy ..... January-February, 1980

W

Wheeler, John C.
Incentive Advantages ..... September-October, 1980
Williams, Charles D., Jr.
Introduction To 4M System And Its Application At Baxter Travenol Laboratories ..... January-February, 1980
Williams, Harold M.
Appeal To Social Justice—The Politicians' Open Sesame ..... July-August, 1980
Wriston, Walter B.
Risk And Other Four Letter Words ..... July-August, 1980

Z

Zeeb, William C.
Daywork vs. Incentive Wage Plans ..... September-October, 1980

INDEX BY TITLE

A

Actively Listening To Your Employees
by Glen Morgan ..... July-August, 1980
Algorithmic Systems Optimization With Reliability Applications
by Norbert L. Enrick and Buddy L. Myers ..... May-June, 1980
Appeal To Social Justice—The Politicians' Open Sesame
by Harold M. Williams ..... July-August, 1980

B

Background On Energy "Scenario For A Productive Society"
From PERSPECTIVE ..... March-April, 1980
Behind The Productivity Slowdown
From Business in BRIEF ..... November-December, 1980
Benefits In The Cost Determination Phase Of Modeling
by Thomas G. Ray ..... May-June, 1980
A Better Way To Solve Problems
by Alan Scharf ..... March-April, 1980

C

Communications Skills In Performance Appraisal
by Judith Hale ..... March-April, 1980
Creativity, Personal and Organizational Growth
by Dean C. Dauw ..... July-August, 1980
Customer Service: A New Frontier For Industrial Engineers?
by Warren C. Hauck ..... July-August, 1980

D

Daywork vs. Incentive Wage Systems
by William C. Zeeb ..... September-October, 1980
Decision Systems For Inventory Management And Production Planning (1979)
by Rein Peterson and Edward A. Silver
Book Review by Warren C. Hauck .... July-August, 1979

E

Economic Aspects of Energy Conservation
by Andre van Dam ..... July-August, 1980
Equal Pay Suit Costs Hospital $336,000 Plus $138,700 Interest (Editorial)
by John E. Burns ..... January-February, 1980
On The Equitable Allocation Of Limited Products
by Reuven R. Levary ..... November-December, 1980
The Evolving Science Of Management (1979)
by Melvin Zimet and Ronald G. Greenwood
Book Review by John E. Burns ..... July-August, 1980

F

A Fabulous Mother Lode of Industrial Cost Reduction
by Godfrey H. Kurtz ..... May-June, 1980
Flextime Scheduling: A Survey
by Diane McGrath ..... November-December, 1980
Ford Can't Meet Foreign Competition (Editorial)
by John E. Burns ..... March-April, 1980
Forecasting And Planning: Reconciling Two Reluctant Partners
by Conway L. Lachman ..... March-April, 1980

A Forecasting Model For The Firm In The Private Aircraft Industry
by Conway L. Lachman ..... January-February, 1980
44th Annual IMS Clinic (Editorial)
by John E. Burns ..... May-June, 1980
At 44th Annual IMS Clinic Keep Up With New Knowledge, Concepts and Techniques (Editorial)
by John E. Burns ..... September-October, 1980
Freedom's Energy Plan
by C. Wendel Muench ..... January-February, 1980

H

Handicapped Workers Back Pay Settlement (Editorial)
by John E. Burns ..... May-June, 1980
How Accurate Are Statistical Fastener Forecasts?
by Harold R. Nissley ..... January-February, 1980
How Much Does It Cost? Does Anybody Know?
by Robert L. French ..... July-August, 1980

I

On Improving Employee Job Satisfaction: A Case Study
by Reuven R. Levary and Burton V. Dean ..... May-June, 1980
Incentive Advantages
by John C. Wheeler ..... September-October, 1980
Introduction To 4M Data System And Its Baxter Travenol Laboratories
by Charles D. Williams, Jr. ..... January-February, 1980
Investment For Production: Managing The Plant Investment Process
by Paul Lowe
Book Review by Warren C. Hauck ..... September-October, 1980
The Invisible Economy
by Andre van Dam ..... January-February, 1980

J

Job Enrichment: Concepts and Consequences
by Michael B. Testerman ..... May-June, 1980

K

The Key To Productivity—Effective Work Measurement
by Ralph H. Bavier ..... March-April, 1980

L

Labor And Industrial Relations
by John E. Burns ..... July-August, 1980

M

Managing The Learning Process
by Phillip L. Hunsaker ..... March-April, 1980
Motorola, Sandia Laboratories, Baltimore and Ohio Railroad And Chesapeake And Ohio Railway Lose Important Cases (Editorial)
by John E. Burns ..... November-December, 1980

N

A New Tool For R&D Project Evaluation
by R. J. Kudla and T. H. McInish ..... November-December, 1980
Non-Verbal Communication: An Effective Tool In Management
by Michael T. Gerardi ..... November-December, 1980
A Note On The Sensitivity Analysis Of Linear Programming—The Primal-Dual Mixed Constraints Case
by Ahmed Rifai ..... November-December, 1980

P

A Planning Model For The Employment Interview
by Leonard N. Persson ..... January-February, 1980
The Plant Supervisor—The Chief Strength/Support Of A Well-Regulated Business
by C. B. Stiegler ..... May-June, 1980
Preparing For Industrial Management: PDD Is One Solution For Engineers
by Sandy Courter ..... March-April, 1980
A Productivity Implementation Plan
by Vincent G. Reuter ..... September-October, 1980
Project Management
by Narenda K. Sethi ..... January-February, 1980

R

Raising Clerical Productivity With MOST® Clerical Computer Systems
by Ronald A. Soncini ..... September-October, 1980
Risk And Other Four Letter Words
by Walter B. Wriston ..... July-August, 1980

S

Sensitivity Analysis Of Linear Programming vs. Goal Programming
by Ahmed K. Rifai ..... January-February, 1980
A Study On Job Enrichment
by Tilmon H. Rosemon ..... May-June, 1980
Supervision Can Be Easy
by David K. Lindo
Book Review by John E. Burns ..... July-August, 1980

T

The Team Productivity System
by Jerry E. Kovach ..... July-August, 1980
Time Study or Gestalt
by James W. Nutter ..... September-October, 1980

U

Understanding Productivity—Toward A Higher Standard Of Living
from PERSPECTIVE ..... November-December, 1980

V

Value Analysis For Priorities Setting And Resource Allocation
by Norbert L. Enrick ..... September-October, 1980

W

Worker Directors Speak (1979)
by The British Steel Corporation Employee Directors with John Bank and Ken Jones
Book Review by John E. Burns ..... July-August, 1980

INDEX BY TOPIC

B

BOOK REVIEW
Decision Systems For Inventory Management And Production Planning (1979)
by Rein Peterson and Edward A. Silver
Review by John E. Burns ..... July-August, 1980
The Evolving Science Of Management (1979)
by Melvin Zimet and Ronald G. Greenwood
Review by John E. Burns ..... July-August, 1980
Investment For Plant Production: Managing The Plant Investment Process (1979)
by Paul Lowe
Review by Warren C. Hauck ..... September-October, 1980
Supervision Can Be Easy (1979)
by David K. Lindo
Review by John E. Burns ..... July-August, 1980
Worker Directors Speak (1979)
by The British Steel Corporation Employee Directors with John Bank and Ken Jones
Review by John E. Burns ..... July-August, 1980

C

COMMUNICATION
Effective Communication In Industry
by Irvin Otis ..... September-October, 1980
Non-Verbal Communication: An Effective Tool in Management
by Michael T. Gerardi ..... November-December, 1980
COMPENSATION
Daywork vs. Incentive Wage Systems
by William C. Zeeb ..... September-October, 1980
Handicapped Workers Back Pay Settlement (Editorial)
by John E. Burns ..... May-June, 1980
Incentive Advantages
by John C. Wheeler ..... September-October, 1980

COMPETITION
Ford Can't Meet Foreign Competition (Editorial) ..... March-April, 1980
COST REDUCTION
A Fabulous Mother Lode Of Industrial Cost Reduction
by Godfrey H. Kurtz ..... May-June, 1980
How Much Does It Cost? Does Anybody Know?
by Robert L. French ..... July-August, 1980
CUSTOMER SERVICE
Customer Service: A New Frontier For Industrial Engineers?
by Warren C. Hauck ..... July-August, 1980

E

ECONOMY
The Invisible Economy
by Andre van Dam ..... January-February, 1980
ENERGY
Background On Energy "Scenario For A Productive Society"
from PERSPECTIVE ..... March-April, 1980
Economic Aspects Of Energy Conservation
by Andre van Dam ..... July-August, 1980
Freedom's Energy Plan
by C. Wendel Muench ..... January-February, 1980

F

FORECASTING
Forecasting And Planning: Reconciling Two Reluctant Partners
by Conway L. Lachman ..... March-April, 1980
A Forecasting Model For The Firm In The Private Aircraft Industry
by Conway L. Lachman ..... January-February, 1980
How Accurate Are Statistical Fastener Forecasts?
by Harold R. Nissley ..... January-February, 1980

G

GROWTH
Creativity, Personal And Organizational Growth
by Dean C. Dauw ..... July-August, 1980

I

IMS CLINIC
44th Annual IMS Clinic (Editorial)
by John E. Burns ..... May-June, 1980
At 44th Annual IMS Clinic Keep Up With New Knowledge, Concepts and Techniques (Editorial)
by John E. Burns ..... September-October, 1980

J

JOB ENRICHMENT
Job Enrichment: Concepts And Consequences
by Michael B. Testerman ..... May-June, 1980
A Study On Job Enrichment
by Tilmon H. Rosemon ..... May-June, 1980
JOB SATISFACTION
On Improving Employee Job Satisfaction: A Case Study
by Reuven R. Levary and Burton V. Dean ..... May-June, 1980

L

LABOR AND INDUSTRIAL RELATIONS
Labor and Industrial Relations
by John E. Burns ..... July-August, 1980
LAW
Equal Pay Suit Costs Hospital $336,000 Plus $138,700 Interest (Editorial)
by John E. Burns ..... January-February, 1980
Motorola, Sandia Laboratories, Baltimore and Ohio Railroad, and Chesapeake Railway Lose Important Cases (Editorial)
by John E. Burns ..... November-December, 1980
LEARNING
Managing The Learning Process
by Phillip L. Hunsaker ..... March-April, 1980
LISTENING
Actively Listening To Your Employees
by Glen Morgan ..... July-August, 1980

M

MODELS
Algorithmic Systems Optimization With Reliability Applications
by Norbert L. Enrick and Buddy L. Myers ..... May-June, 1980
Benefits In The Cost Determination Phase Of Modeling
by Thomas G. Ray ..... May-June, 1980
On The Equitable Allocation Of Limited Products
by Reuven R. Levary ..... November-December, 1980
A Note On The Sensitivity Analysis Of Linear Programming—The Primal-Dual Mixed Constraints Case
by Ahmed Rifai ..... November-December, 1980
A Planning Model For The Employment Interview
by Leonard N. Persson ..... January-February, 1980

P

PERFORMANCE APPRAISAL
Communications Skills In Performance Appraisal
by Judith Hale ..... March-April, 1980
PROBLEM SOLVING
A Better Way To Solve Problems
by Alan Scharf ..... March-April, 1980
PRODUCTIVITY
Behind The Productivity Slowdown
From Business in BRIEF ..... November-December, 1980
The Key To Productivity—Effective Work Measurement
by Ralph H. Bavier ..... March-April, 1980
A Productivity Implementation Plan
by Vincent G. Reuter ..... September-October, 1980
Raising Clerical Productivity With MOST® Clerical Computer Systems
by Ronald A. Soncini ..... September-October, 1980
The Team Productivity System
by Jerry E. Kovach ..... July-August, 1980
Understanding Productivity—Toward A Higher Standard Of Living
From PERSPECTIVE ..... November-December, 1980
PROFESSIONAL DEVELOPMENT
Preparing For Industrial Management: PDD Is One Solution For Engineers
by Sandy Courter ..... March-April, 1980
PROJECT MANAGEMENT
Project Management
by Narenda K. Sethi ..... January-February, 1980

Q

QUANTITATIVE METHODS
Sensitivity Analysis Of Linear Programming vs. Goal Programming
by Ahmed K. Rifai ..... January-February, 1980

R

RESEARCH AND DEVELOPMENT
A New Tool For R&D Project Evaluation
by R. J. Kudla and T. H. McInish ..... November-December, 1980
RISK
Risk And Other Four Letter Words
by Walter B. Wriston ..... July-August, 1980

S

SOCIAL JUSTICE
Appeal To Social Justice—The Politicians' Open Sesame
by Harold M. Williams ..... July-August, 1980
SUPERVISION
The Plant Supervisor—The Chief Strength/Support Of A Well-Regulated Business
by C. B. Stigler ..... May-June, 1980

T

TIME
Flextime Scheduling: A Survey
by Diane McGrath ..... November-December, 1980

V

VALUE ANALYSIS
Value Analysis For Priorities Setting and Resource Allocation
by Norbert L. Enrick ..... September-October, 1980

W

WORK MEASUREMENT
Introduction To 4M Data System And Its Application At Baxter Travenol Laboratories
by Charles D. Williams, Jr. ..... January-February, 1980
Time Study Or Gestalt?
by James W. Nutter ..... September-October, 1980